

200976US99

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

IN RE APPLICATION OF:

Vladimir M. DOROSHENKO

SERIAL NO: 09/828,828 GAU:

2881

FILED:

April 10, 2001

EXAMINER: JOHN R. LEE

FOR:

TIME-OF-FLIGHT/ION TRAP MASS SPECTROMETER, A METHOD AND A COMPUTER PROGRAM

PRODUCT TO USE THE SAME

INFORMATION DISCLOSURE STATEMENT UNDER 37 CFR 1.97

COMMISSIONER FOR PATENTS ALEXANDRIA, VIRGINIA 22313

Applicant(s) wish to disclose the following information.

REFERENCES

- The applicant(s) wish to make of record the references listed on the attached form PTO-1449. Copies of the listed references are attached, where required, as are either statements of relevancy or any readily available English translations of pertinent portions of any non-English language references.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

RELATED CASES

- Attached is a list of applicant's pending application(s) or issued patent(s) which may be related to the present application. A copy of the patent(s), together with a copy of the claims and drawings of the pending application(s) is attached along with PTO 1449.
- A check or credit card payment form is attached in the amount required under 37 CFR §1.17(p).

CERTIFICATION

- ☐ Each item of information contained in this information disclosure statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of this statement.
- □ No item of information contained in this information disclosure statement was cited in a communication from a foreign patent office in a counterpart foreign application or, to the knowledge of the undersigned, having made reasonable inquiry, was known to any individual designated in 37 CFR §1.56(c) more than three months prior to the filing of this statement.

DEPOSIT ACCOUNT

Please charge any additional fees for the papers being filed herewith and for which no check or credit card payment is enclosed herewith, or credit any overpayment to deposit account number 15-0030. A duplicate copy of this sheet is enclosed.

Respectfully submitted,

03/01/2004 WASFAW1 00000102 09828828

02 FC:1806

180.00 DP

OBLON, SPIVAK, McCLELLAND, MAIER & NEUSTADT, P.C.

Ronda a Ruda

Philippe J.C. Signore Registration No. 43,922

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Ronald A. Rudder, Ph.D. Registration No. 45,618

Form 00 1449 U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE				ATTY DOCKET NO.		SERIAL NO.			
(Modified TRADEMIRE) PATENT AND TRADEMARK OFFICE				200976US99	09/828,828				
			APPLICANT						
LIST OF REFERENCES CITED BY APPLICANT			Vladimir M. DOROSHENKO						
				FILING DATE		GROUP			
				April 10, 2001		2881			
				U.S. PATENT DOCUMENTS					
EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUB FILING DATE CLASS IF APPROPRIATE			
	AA	4,531,056	07/23/85	Labowsky et al.					
	AB	5,965,884	10/12/99	Laiko et al.					
	AC	5,202,563	04/13/93	Cotter et al.					
	AD	2,939,952	06/07/60	W. Paul et al.					
	AE	3,065,640	11/27/62	D.B. Langmuir et al.					
	AF	4,540,884	09/10/85	Staffoard et al.					
	AG	4,882,484	11/21/89	Franzen et al.					
	АН	5,107,109	04/21/92	Stafford, Jr. et al.					
	ΑI	5,714,755	02/03/98	Wells et al.					
	AJ	5,399,857	03/02/95	Doroshenko et al.					
	AK	5,814,813	09/29/98	Cotter et al.					
	AL	5,464,985	11/07/95	Cornish et al.					
	AM								
	AN								
		·	FO	REIGN PATENT DOCUMENTS					
DOCUMENT					TRANSLATION				
		NUMBER	DATE	COUNTRY		YES		NO NO	
	AO	944,900	06/28/56	GERMANY					
	AP								
	AQ								
	AR								
	AS								
	AT								
	AU								
	AV								
		OTHER RE	FERENCES (I	Including Author, Title, Date, Pertinent	Pages, et	:c.)			
		W.C. Wiley et al., Time	-Of-Flight Mas	s Spectrometer with Improved Resolutio	n, Decemb	er 1955, v	ol. 26, N	Number 12, The	
	AW	Review of Scientific Instruments, pp. 1150-1157.							
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	AY	Michael Karas et al., Laser Desorption Ionization of Proteins with Molecular Masses Exceeding 10 000 Daltons, Anal Chem. 1988, vol. 60, pp. 2299-2301.							
	AZ	Bernhard Spengler et al., Peptide Sequencing by Matrix-assisted Laser-desorption Mass Spectrometry, Rapid Comm. in Mass Spectrometry vol. 6, 1992, pp. 105-108.							
Examiner				·	Date Considered				
	*Examiner: Initial if reference is considered, whether or not citation is in conformance with MPEP 609; Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.								

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Form PTO 1449 TRA (Modified)	U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE	ATTY DOCKET NO.	SERIAL NO.					
(Moamea)	PATENT AND TRADEMANNOT I GE	200976US99	09/828,828					
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		FILING DATE	GROUP					
		April 10, 2001	2881					
	OTHER REFERENCES	(Including Author, Title, Date, Pertinent Pages, e	etc.)					
AA	Daniel R. Jardine, et al., A Tandem Time-of-flight Mass Spectrometer, Organic Mass Spectrom., 1992, vol. 27, pp. 1077-1083.							
AA		evin L. Schey et al., Ion/Surface Collision Phenomena In An Improved Tandem Time-Of-Flight Instrument, International ournal of Mass Spectrometry and Ion Processes, 1989, vol. 94, pp. 1-14.						
AA		Kevin L. Schey, et al., A Tandem Time-Of- Flight Mass Spectrometer For Surface-Induced Dissociation, International Journal of Mass Spectrometry, Ion Processes, 1987, vol. 77, pp. 49-61.						
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AA		F.H. Strobel, et al., Neutral-Ion Correlation Measurements: A Novel Tandem Mass Spectrometry Data Acquisition Mode for Tandem Magnetic Sector/Reflectron Time-of-Flight Instruments, Anal. Chem., 1992, Vol. 64, pps. 754-762.						
AA	R. Weinkauf, et al., Laser Tandem Mass Spectrometry in a Time of Flight Instrument, International Journal Mass Spectrom Ion Processes, 1989, vol. 44a, pp. 1219-1225.							
AA	R. Graham Cooks, Ion Trap Mass Spectrometry, Special Report, C&EN, March 25, 1991, pp. 26-41.							
AA	Vladimir M. Doroshenko, et al., Matrix-assisted Laser Desorption/Ionization inside a Quadrupole Ion-Trap Detector Cell, Rapid Communications in Mass Spectrometry, 1992, vol. 6, pp. 753-757.							
A.	J.E. Crawford, et al., Laser Desorption Sources and Time-of-Flight Injection for RFQ Traps, Hyperfine Interactions, 1993, vol. 81, pp. 143-149.							
AA	Steven M. Michael, et al., An Ion Trap Storage/Time-of-Flight Mass Spectrometer, Rev. Science Instrum., October 1992, vol. 63, pp. 4277-4284.							
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AA	Р							
AA	Q							
Examiner		Date Cor	nsidered					
	if reference is considered, whether or no not considered. Include copy of this form	ot citation is in conformance with MPEP 609; Draw line with next communication to applicant.	ne through citation if not in					